



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/716,442

DATE: 08/30/2004

TIME: 12:57:15

Input Set : N:\Crfs\RULE60\10716442.raw
 Output Set: N:\CRF4\08302004\J716442.raw

1 <110> APPLICANT: PLOWMAN, GREGORY D.
 2 WHYTE, DAVID
 3 MANNING, GERARD
 4 <120> TITLE OF INVENTION: NOVEL HUMAN PROTEIN PHOSPHATASES IDENTIFIED FROM
 5 GENOMIC SEQUENCING
 6 <130> FILE REFERENCE: 038602/1277
 7 <140> CURRENT APPLICATION NUMBER: US/10/716,442
 8 <141> CURRENT FILING DATE: 2003-11-20
 9 <150> PRIOR APPLICATION NUMBER: US/09/986,992
 10 <151> PRIOR FILING DATE: 2001-11-13
 11 <150> PRIOR APPLICATION NUMBER: 60/246,974
 12 <151> PRIOR FILING DATE: 2000-11-13
 13 <150> PRIOR APPLICATION NUMBER: 60/208,291
 14 <151> PRIOR FILING DATE: 2000-05-30
 15 <160> NUMBER OF SEQ ID NOS: 2
 16 <170> SOFTWARE: PatentIn Ver. 2.1
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 1119
 20 <212> TYPE: DNA
 21 <213> ORGANISM: Homo sapiens
 22 <400> SEQUENCE: 1
 23 atgtcaacag ctgccttaat tactttggtc agaagtgggt ggaaccagggt gagaaggaga 60
 24 gtgctgctaa gctccgcct gctgcaggac gacaggcggt tgacacccac gtgccacaggc 120
 25 tccacttcag agccttaggtt ttctcggtt gacccagatg gtatggggag tccagctacc 180
 26 tgggacaatt ttgggatctg ggataaccgc attgatgagc caattctgct gccaccgc 240
 27 attaagtatg gcaagccaat tccaaaatc agcttgaaaa atgtgggggt cgccctcacag 300
 28 atttggcaaac ggaaagagaa tgaagatcgg tttgacttcg ctcagctgac agatgaggc 360
 29 ctgtactttg cagtgtatga tggacacggg ggacctgcag cagctgatt ctgtcataacc 420
 30 cacatggaga aatgtattat ggatttgctt cctaaggaga agaacttggg aactctgttg 480
 31 accttggctt ttctagaaaat agataaagcc ttttcgagtc atgcccgcct gtctgtgtat 540
 32 gcaactcttc tgaccctctgg gactactgca acagtagccc tattgcgaga tggatttggaa 600
 33 ctggttgttag ccagtgttgg ggacagccgg gctattttgt gtatggaaaagg aaaacccatg 660
 34 aagctgacca ttgaccatac tccagaaaaga aaagatggaa aagaaaggat caagaaatgt 720
 35 ggtggttttg tagttggaa tagtttgggg cagcctcag taaatggcag gcttgcata 780
 36 acaaagaagta ttggagattt ggaccttaag accagtgggt tcatacgaga acctgaaact 840
 37 aagaggatta agttacatca tgctgtatgac agcttcttgg tcctcaccac agatgaaatt 900
 38 aacttcatgg tgaatagtca agagatttgt gactttgtca atcagtgcca tcatggaaact 960
 39 gaagcagccc atgcgggtac tgaacaggca atacagtagc gtactgagga taacagttact 1020
 40 gcagtagtag tgcctttgg tgcctggggaa aatataaga actctgaaat caacttctca 1080
 41 ttcagcagaa gctttgcctc cagtgacgta tgggcctga 1119
 43 <210> SEQ ID NO: 2
 44 <211> LENGTH: 372
 45 <212> TYPE: PRT

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/716,442

DATE: 08/30/2004
TIME: 12:57:15

Input Set : N:\Crf3\RULE60\10716442.raw
Output Set: N:\CRF4\08302004\J716442.raw

46 <213> ORGANISM: Homo sapiens
 47 <400> SEQUENCE: 2
 48 Met Ser Thr Ala Ala Leu Ile Thr Leu Val Arg Ser Gly Gly Asn Gln
 1 5 10 15
 49 Val Arg Arg Arg Val Leu Leu Ser Ser Arg Leu Leu Gln Asp Asp Arg
 20 25 30
 50 Arg Val Thr Pro Thr Cys His Ser Ser Thr Ser Glu Pro Arg Cys Ser
 35 40 45
 51 Arg Phe Asp Pro Asp Gly Ser Gly Ser Pro Ala Thr Trp Asp Asn Phe
 50 55 60
 52 Gly Ile Trp Asp Asn Arg Ile Asp Glu Pro Ile Leu Leu Pro Pro Ser
 65 70 75 80
 53 Ile Lys Tyr Gly Lys Pro Ile Pro Lys Ile Ser Leu Glu Asn Val Gly
 85 90 95
 54 Cys Ala Ser Gln Ile Gly Lys Arg Lys Glu Asn Glu Asp Arg Phe Asp
 100 105 110
 55 Phe Ala Gln Leu Thr Asp Glu Val Leu Tyr Phe Ala Val Tyr Asp Gly
 115 120 125
 56 His Gly Gly Pro Ala Ala Asp Phe Cys His Thr His Met Glu Lys
 130 135 140
 57 Cys Ile Met Asp Leu Leu Pro Lys Glu Lys Asn Leu Glu Thr Leu Leu
 145 150 155 160
 58 Thr Leu Ala Phe Leu Glu Ile Asp Lys Ala Phe Ser Ser His Ala Arg
 165 170 175
 59 Leu Ser Ala Asp Ala Thr Leu Leu Thr Ser Gly Thr Thr Ala Thr Val
 180 185 190
 60 Ala Leu Leu Arg Asp Gly Ile Glu Leu Val Val Ala Ser Val Gly Asp
 195 200 205
 61 Ser Arg Ala Ile Leu Cys Arg Lys Gly Lys Pro Met Lys Leu Thr Ile
 210 215 220
 62 Asp His Thr Pro Glu Arg Lys Asp Glu Lys Glu Arg Ile Lys Lys Cys
 225 230 235 240
 63 Gly Gly Phe Val Ala Trp Asn Ser Leu Gly Gln Pro His Val Asn Gly
 245 250 255
 64 Arg Leu Ala Met Thr Arg Ser Ile Gly Asp Leu Asp Leu Lys Thr Ser
 260 265 270
 65 Gly Val Ile Ala Glu Pro Glu Thr Lys Arg Ile Lys Leu His His Ala
 275 280 285
 66 Asp Asp Ser Phe Leu Val Leu Thr Thr Asp Gly Ile Asn Phe Met Val
 290 295 300
 67 Asn Ser Gln Glu Ile Cys Asp Phe Val Asn Gln Cys His Asp Pro Asn
 305 310 315 320
 68 Glu Ala Ala His Ala Val Thr Glu Gln Ala Ile Gln Tyr Gly Thr Glu
 325 330 335
 69 Asp Asn Ser Thr Ala Val Val Val Pro Phe Gly Ala Trp Gly Lys Tyr
 340 345 350
 70 Lys Asn Ser Glu Ile Asn Phe Ser Phe Ser Arg Ser Phe Ala Ser Ser
 355 360 365
 71 Gly Arg Trp Ala

RAW SEQUENCE LISTING DATE: 08/30/2004
PATENT APPLICATION: US/10/716,442 TIME: 12:57:15

Input Set : N:\Crf3\RULE60\10716442.raw
Output Set: N:\CRF4\08302004\J716442.raw

95

370

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/716,442

DATE: 08/30/2004

TIME: 12:57:16

Input Set : N:\Crf3\RULE60\10716442.raw

Output Set: N:\CRF4\08302004\J716442.raw